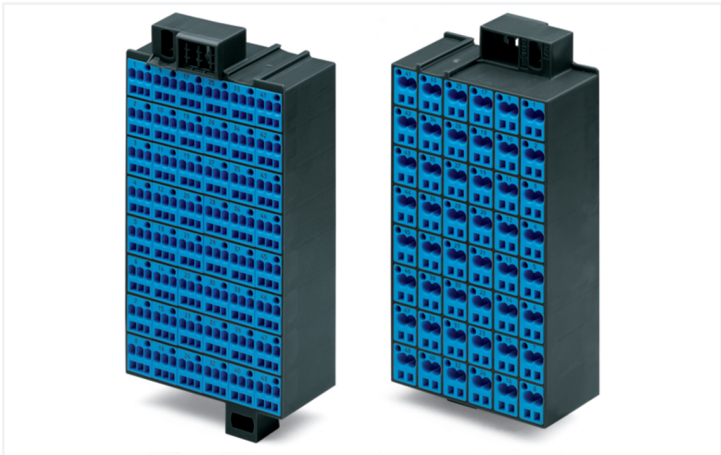


Data Sheet | Item Number: 726-541

Matrix patchboard; 48-pole; Marking 1-48; suitable for Ex i applications; Color of modules: blue; Module marking, side 1 and 2 vertical; 1,50 mm²; blue/dark gray
<https://www.wago.com/726-541>



Color: ☐ blue/dark gray

Matrix patchboards, 726 Series, operating tool

Our matrix patchboards (item number 726-541) simplify electrical installations. Strip lengths must be between 8 mm and 10 mm when connecting conductors to these matrix patchboards. Featuring conductor terminals along with CAGE CLAMP®, this connector delivers reliable performance. Our highly-rated and maintenance-free CAGE CLAMP® connection makes it easy to connect all types of conductors without having to prepare the conductor. For example, you don't need to crimp ferrules. Dimensions: 65.3 x 132 x 36.5 mm (width x height x depth). Depending on the type of conductor, these matrix patchboards are ideal for conductor cross sections ranging from 0.08 mm² to 1.5 mm² on one side and for conductor cross sections from 0.08 mm² to 2.5 mm² on the other side. The dark gray housing is made of polyamide (PA66) for insulation.

Electrical data

Ratings per IEC/EN	
Nominal voltage (III/3)	500 V
Rated impulse withstand voltage (III / 3)	6 kV
Rated current	10 A
Legend (ratings)	(III / 3) Δ Overvoltage category III / Pollution degree 3

Connection data

Connection 1		Connection 2	
Connection type	Page 1	Connection type	Side 2
Connection technology	CAGE CLAMP®	Number of connection points	2
Number of connection points	3	Solid conductor	0.08 ... 2.5 mm² / 28 ... 14 AWG
Actuation type	Operating tool	Fine-stranded conductor	0.08 ... 2.5 mm² / 28 ... 14 AWG
Connectable conductor materials	Copper		
Solid conductor	0.08 ... 1.5 mm² / 28 ... 16 AWG		
Fine-stranded conductor	0.08 ... 1.5 mm² / 28 ... 16 AWG		
Strip length	8 ... 10 mm / 0.31 ... 0.39 inches		
Pole number	48		



Physical data		
Width	65.3 mm / 2.571 inches	
Height	132 mm / 5.197 inches	
Depth	36.5 mm / 1.437 inches	

Mechanical data		
Marking	1 ... 48	

Material data		
Note (material data)	Information on material specifications can be found here	
Color	blue/dark gray	
Module color	blue	
Material group	I	
Insulation material (main housing)	Polyamide (PA66)	
Flammability class per UL94	V0	
Fire load	6.555 MJ	
Weight	273.7 g	

Commercial data		
PU (SPU)	10 (1) pcs	
Packaging type	Box	
Country of origin	DE	
GTIN	4066966340242	
Customs tariff number	85369010000	

Product Classification		
UNSPSC	39121410	
eCl@ss 10.0	27-24-26-08	
eCl@ss 9.0	27-24-26-08	
ETIM 9.0	EC001604	
ETIM 8.0	EC001604	
ECCN	NO US CLASSIFICATION	

Environmental Product Compliance		
RoHS Compliance Status	Compliant, No Exemption	

Approvals / Certificates

General approvals			Declarations of conformity and manufacturer's declarations		
			Approval	Standard	Certificate Name
Approval	Standard	Certificate Name	EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
CCA DEKRA Certification B.V.	EN 60998	NTR NL-7986	UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
CSA CSA Group	C22.2 No. 158	1101143			
KEMA/KEUR DEKRA Certification B.V.	EN 60998	71-127356			
UL UL International Germany GmbH	UL 1059	E45172			



Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 726-541

Download icon

Documentation				
Bid Text				
726-541	19.02.2019	xml	3.42 KB	Download icon
726-541	21.02.2019	docx	14.69 KB	Download icon

CAD/CAE-Data

CAD data

2D/3D Models 726-541

Download icon

CAE data

EPLAN Data Portal 726-541

Download icon

WSCAD Universe 726-541

Download icon

ZUKEN Portal 726-541

Download icon

1 Compatible Products

1.1 Optional Accessories

1.1.1 Connector

1.1.1.1 Common potential terminal block



Item No.: 726-904 Additional module for matrix patchboards; for snap-on fixing to mounting adapter; insulated; with CAGE CLAMP®; gray	Item No.: 726-903 Additional module for matrix patchboards; for snap-on fixing to mounting adapter; with contact to mounting frame; with CAGE CLAMP®; white
---	---

1.1.2 Ferrule

1.1.2.1 Ferrule

Item No.: 216-202
Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; gray

Item No.: 216-204
Ferrule; Sleeve for 1.5 mm² / AWG 16; insulated; electro-tin plated; black

Item No.: 216-104
Ferrule; Sleeve for 1.5 mm² / AWG 16; un-insulated; electro-tin plated; silver-colored



1.1.3 Insulation stop

1.1.3.1 Insulation stop



Item No.: 726-901
Insulation stop; 0.08 - 0.2 mm² "s" (0.14 mm² "f-st"); 4 x 3 pieces/strip; white



Item No.: 726-907
Insulation stop; 0.25 - 0.5 mm² "s+f-st"; 4 x 3 pieces/strip; dark gray



Item No.: 726-906
Insulation stop; 0.25 mm² "s"; 0.14 - 0.25 mm² "f-st"; 4 x 3 pieces/strip; light gray

1.1.4 Jumper

1.1.4.1 Jumper



Item No.: 709-107
Wire commoning chain; 0.5 mm²; insulated; gray

1.1.5 Marking

1.1.5.1 Marker



Item No.: 793-5501/000-006
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; blue



Item No.: 793-5501/000-014
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; brown



Item No.: 793-5501/000-007
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; gray



Item No.: 793-5501/000-023
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; green



Item No.: 793-5501/000-017
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; light green



Item No.: 793-5501/000-012
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; orange



Item No.: 793-5501/000-005
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; red



Item No.: 793-5501/000-024
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; violet



Item No.: 793-5501
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; white



Item No.: 793-5501/000-002
WMB marking card; as card; for terminal block width 5 - 17.5 mm; stretchable 5 - 5.2 mm; plain; snap-on type; yellow



Item No.: 793-5502
WMB marking card; as card; MARKED; 1 ... 10 (10x); stretchable 5 - 5.2 mm; Horizontal marking; snap-on type; white



Item No.: 793-5566
WMB marking card; as card; MARKED; 1 ... 50 (2x); stretchable 5 - 5.2 mm; Horizontal marking; snap-on type; white



Item No.: 793-5500/793-035
WMB marking card; as card; MARKED; X (100x); stretchable 5 - 5.2 mm; Horizontal marking; snap-on type; white



Item No.: 2009-115
WMB-Inline; for Smart Printer; 1500 pieces on roll; stretchable 5 - 5.2 mm; plain; snap-on type; white

1.1.5.3 Marking strip



Item No.: 2009-110
Marking strips; for Smart Printer; on reel; not stretchable; plain; snap-on type; white

1.1.6 Tool

1.1.6.1 Operating tool



Item No.: 210-719
Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft

Installation Notes

Conductor termination



	Max. conductor cross section (mm²)AWG without ferrule	Max. conductor cross section (mm²)AWG with ferrule	
		insulated Item No./Color	uninsulated Item No.
Side 2	1.5	0.75 216-202/ gray	1 216-103
Side 1	1.5	0.75 216-202/ gray	1 216-103
Side 2	2.5	1.5 216-204/ black	1.5 216-104
Side 1	1.5	0.75 216-202/ gray	1 216-103

CAGE CLAMP® connection
Inserting a conductor via 210-719 Operating Tool (2.5 x 0.4 mm blade).

CAGE CLAMP® connection
Terminating ferruled conductors via operating tool.

Ferrules

Conductor termination



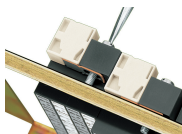
Inserting an insulation stop into conductor entry holes of matrix patchboards.

Insulation stop is in place.

Testing



Testing with a 2.3 mm Ø test plug (210-137).



Snapping on an additional module with contact to mounting frame.

Assembling a matrix patchboard with additional module – direct connection to the mounting frame.



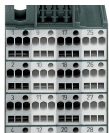
Installation example:
Matrix patchboards in a frame

Ex application



Blue matrix patchboards are suitable for
Ex i applications.

Marking



Factory-marked modules (Side 1: 1, 2, 3, 4
...)



Individual group marking via WMB Multi
Marking System